564, 211-101

align_p2p

GenCore version 5.1.7 Copyright (c) 1993 - 2006 Biocceleration Ltd.

- protein search, using sw model OM protein Run on:

April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 288.576 Million cell updates/sec

US-10-718-495-24 1151 1 MGKGDPKKPTGKMSSYAFFV......EEEEEDEEDEEDEEDDDDE Title: Perfect score:

216

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

12 seqs, 1336 residues Searched:

12 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 12 summaries

US10718495.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

US-10-718-495-25
) Sequence 25, Application US/10718495
) Sequence 25, Application US/10718495
) GENERAL INFORMATION:
) TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
) TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
) FILE REFERENCE: 3288.1009-001
) CURRENT APPLICATION NUMBER: US/10/718,495
) CURRENT APPLICATION NUMBER: 06/427,841
PRIOR FILING DATE: 2003-11-20
) NUMBER OF SEQ ID NOS: 58
) SOFTWARE: FASTSEQ for Windows Version 4.0
) SEQ ID NO 25

STIMMARTES

					SOUTHWATES		
Result No.	Score	A Ouery	* Query = Match Length DB	DB	ai.	Description	
1	1151	100.0	216	7	US-10-718-495-24	Sequence 24, Appl	
7	1045	90.8		н	US-10-718-495-25	25,	
m	902	78.4		Н	US-10-718-495-27	27,	
4	875	76.0		Н	US-10-718-495-26	26,	
w	361	31.4		-	US-10-718-495-28	28,	
9	350	30.4		Н	US-10-718-495-30	30,	
7	343	29.8		٦	US-10-718-495-29	29,	
89	287	24.9		ч	US-10-718-495-43	43,	
σ	268	23.3		-	US-10-718-495-45	45,	
10	263	22.8		н	US-10-718-495-44	44,	
11	254	22.1		-	US-10-718-495-47	47,	
12	249	21.6		٦	US-10-718-495-46		

ALIGNMENTS

RESULT 1 US-10-718-495-24	Sequence 24, Application US/10718495	GENERAL INFORMATION:	APPLICANT: O'Keefe, Theresa L.	TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS	TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS	FILE REFERENCE: 3258.1009-001	CURRENT APPLICATION NUMBER: US/10/718,495	CURRENT FILING DATE: 2003-11-12	PRIOR APPLICATION NUMBER: 60/427,841	PRIOR FILING DATE: 2002-11-20	NUMBER OF SEQ ID NOS: 58	SOFTWARE: FastSEQ for Windows Version 4.0	SEQ ID NO 24	LENGTH: 216
RESULT 1 US-10-71	: Segue	GENER	APPL	TITL	TITL	FILE	CURR	: CURR	PRIO	PRIO	NUMB	SOFT	SEO I	LEN
щР	•	-	-	-	-	-			-	•	•	•	•	•

61 EDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKRLPSAFFLFCSEYRPKIKGEHPGL 120 SIGDVAKKLGEMWNNTAADDKQPYEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEK 180 SIGDVAKKIGEMMINTAADDKQPYEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEK 180 1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF 60 1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF Gaps ô Length 216; Indels Query Match 100.0%; Score 1151; DB 1; Best Local Similarity 100.0%; Pred. No. 3.6e-17; Matches 216; Conservative 0; Mismatches 0; 181 SKKKKEEEEDEEDEEDEEEEEDEEDEEDEEDEEDE 216 ; TYPE: PRT ; ORGANISM: Homo sapiens US-10-718-495-24 121 121 61 g 셤 ò ð g ò 8 g

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121 SIGDVAKKLGEMWNNTAADDKQPYEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEK 180
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                                                                                                                                                       1 MGKGDPKKPRGKMSSYAFFVQTCREEHKKKHSDASVNPSEFSNKCSERWKTMSAKEKGKF
                                                                                                                                       1 MGKGDPKKPTGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKF
                                                                                                         Gaps
                                                                                                           4;
                                                                             Length 211;
                                                                                                         8; Indels
                                                                         Query Match
90.8%; Score 1045; DB 1;
Best Local Similarity 92.1%; Pred. No. 4.8e-15;
Matches 198; Conservative 5; Mismatches 8;
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-25
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181 SKKKKEEEEDEEDEEDEE --- BEDEEDEEDDDE 211
                                                                                                                     RESULT 3
US-10-718-495-27
; Sequence 27, Application US/10718495
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa L.
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
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181 SKKKKEEEEDEEDEEDEEEEEDEEDEEDEEDDDD 215

Wed Apr 26 13:12:37 2006

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RESULT 5
US-10-718-495-28
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                                                                                                                                                                                                                                                               Query Match 78.4%; Score 902; DB 1; Length 205; Best Local Similarity 84.3%; Pred. No. 3.5e-12; Matches 172; Conservative 11; Mismatches 21; Indels
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Best Local Similarity 89.4%; Pred. No. 1.2e-11;
Matches 168; Conservative 3; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTT-INFLAMMATORY AGENTS FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 188
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27.
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ORGANISM: Homo sapiens
US-10-718-495-27
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; ORGANISM: Homo sapiens
US-10-718-495-26
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Best Local Similarity
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                                                                                                                                                              LENGTH: 205
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30.4%; Score 350; DB 1; Length 86;
Best Local Similarity 80.2%; Pred. No. 0.41;
Matches 69; Conservative 3; Mismatches 14; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 31.4%; Score 361; DB 1; Length 80; Best Local Similarity 83.8%; Pred. No. 0.25; Matches 67; Conservative 4; Mismatches 9; Indels
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Sequence 30, Application US/10718495

GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGBERTS AS
TITLE OF INVENTION: USE OF HAGBERTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-12
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFUMARE: FastSEQ for Windows Version 4.0

SEQ ID NOS: 30
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERSENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-718-495-29
; Sequence 29, Application US/10718495
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 EDMAKADKARYEREMKTYIP 80
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ORGANISM: Homo sapiens
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Gaps
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                                                                                                                     Query Match

23.3%; Score 268; DB 1; Length 54;
Best Local Similarity 92.6%; Pred. No. 7.2;
Matches 50; Conservative 1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 22.8%; Score 263; DB 1; Length 54; Best Local Similarity 92.5%; Pred. No. 7.6; Matches 49; Conservative 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PELCATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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GENERAL INFORMATION:
FAPLICANT: O'Keefe, Theresa L.
TILE OF INVENTION: USE OF HWGB FRAGMENTS AS
TILLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US, 10/718, 495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2022-11-20
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 44, Application US/10718495; GENERAL INFORMATION:
             ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-45
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ORGANISM: Homo sapiens
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US-10-718-495-44
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US-10-718-495-46
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SEQ ID NO 47
LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 29.8%; Score 343; DB 1; Length 80; Best Local Similarity 83.8%; Pred. No. 0.57; Matches 67; Conservative 2; Mismatches 11; Indels
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; FILE REFERENCE: 3288.1009-001
; CURRENT APPLICATION NUMBER: US/10/718,495
; PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILIGATION NUMBER: 60/427,841
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
; SECTUMARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE 43, Application US/10718495
SEQUENCE 43, Application US/10718495
SEQUENCE TO TREE TO TREE TO TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS FILE REFERENCE: 3258.1099.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 54
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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US-10-718-495-29
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ORGANISM: Homo sapiens
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100.0%; Pred. No. 1e-13;
rative 0; Mismatches 0;
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; Sequence 24, Application US/10718495
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Therea L.
; TITLE OF INVENTION: MATI-INFLAMMATORY AGENTS
; CURRENT APPLICATION NUMBER: US/10/718,495
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 60/427,841
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 216
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-24
                                                                                                                                                                                                                                                                             Sequence 25, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
   US-10-718-495-28
US-10-718-495-30
US-10-718-495-29
US-10-718-495-44
US-10-718-495-43
US-10-718-495-45
US-10-718-495-45
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Best Local Similarity 100.
Matches 211; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-25
       31.7
30.5
28.6
25.6
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222.1
222.1
21.8
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US-10-718-495-24
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Sequence 24, Appl
Sequence 27, Appl
Sequence 26, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 281.896 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                           DB 1; Length 54;
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Sequence 46, Application US/10718495
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION S
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASELSEQ FOR Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
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US-10-718-495-24
US-10-718-495-27
US-10-718-495-26
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                                                                                                                                                                                                                                                                                                                                         Query Match 21.6%; Score 249; DB Best Local Similarity 88.7%; Pred. No. 8; Matches 47; Conservative 1; Mismatches
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Maximum Match 100%
Listing first 12 summaries
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Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Match Length DB
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CORGANISM: Homo sapiens
US-10-718-495-46
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Perfect score:
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61 EDMAKADKTHYEROMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYHPKIKGEHPGL 120
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                                                                                                                                                                                             Length 188;
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                                                                                                                                                                                                                               18; Indels
                                                                                                                                                                                         Query Match

76.2%; Score 862; DB 1;
Best Local Similarity 87.2%; Pred. No. 2.6e-09;
Matches 164; Conservative 6; Mismatches 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 28, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
ITILE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001;
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 30, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
                                   NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
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                                                                                                                                 ; ORGANISM: Homo sapiens
US-10-718-495-26
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US-10-718-495-28
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Matches 66; Conserv
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US-10-718-495-28
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                                                                                                                 TYPE: PRT
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                   Length 216;
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81.5%; Pred. No. 1.1e-09;
tive 14; Mismatches 24; Indels
               atch 92.4%; Score 1045; DB 1; cal Similarity 92.1%; Pred. No. 2.6e-12; 198; Conservative 5; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                             181 SKKKKEEEEDEEDEEDEE----EEDEEDEDDDE 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS FILE SEFERENCE: 3258.1009-001.
CURRENT APPLICATION NUMBER: US/10/718,495.
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
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GENERAL INFORMATION:
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Matches 167; Conservative
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               Query Match
Best Local S:
Matches 198
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RESULT 11
US-10-718-495-47
       TYPE: PRT
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                                                                                                                                                                                                                                                               Query Match
30.5%; Score 345; DB 1; Length 86;
Best Local Similarity 77.9%; Pred. No. 0.76;
Matches 67; Conservative 4; Mismatches 15; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               28.6%; Score 324; DB 1; Length 80; 78.8%; Pred. No. 1.6; ive 3; Mismatches 14; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS

TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS

TITLE OF INVENTION: USE 0.01

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 80
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US-10-718-495-44

Sequence 44, Application US/10718495

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3288.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 06/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

SOFTWARE: FASTER FOR NINGOWS VERSION 4.0

SEQ ID NO 44

LENGTH: 54
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Mindows Version 4.0
SEQ ID NO 30
LENGTH: 86
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Best Local Similarity 78.8°
Matches 63; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-29
                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
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                                                                    Query Match
25.6%; Score 289; DB 1; Length 54;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 54; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   23.3%; Score 263; DB 1; Length 54; ilarity 92.5%; Pred. No. 7.1; Conservative 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001;
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
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US-10-712

Sequence 45, Application US/10718495

Sequence 45, Application US/10718495

Sequence 45, Application US/10718495

GERERAL INFORMATION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: ONTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FASTESQ for Windows Version 4.0

SEQ ID NO 45

TYPE: PRT
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US-10-718-495-43
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; ORGANISM: Homo sapiens
US-10-718-495-44
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Best Local Similarity
Matches 49; Conserv
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                           Total number of hits satisfying chosen parameters:
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SOFTWARE: FastSEQ for Windows Version 4.0
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Maximum Match 100%
Listing first 12 summaries
          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                             12 segs, 1336 residues
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Maximum DB seq length: 200000000
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Match Length DB
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Best Local Similarity 100.
Matches 188; Conservative
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US-10-718-495-26
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LENGTH: 188
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1 MGKGDPKKPRGKMSSYAFFV......DAAKKGVVKAEKSKKKKEEE 188
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21.8%; Score 247; DB 1; Length 54;
Best Local Similarity 84.9%; Pred. No. 7.9;
Matches 45; Conservative 2; Mismatches 6; Indels
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Copyright (c) 1993 - 2006 Biocceleration Ltd
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Pred. No. 8;
2; Mismatches 6; Indels
Sequence 47, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRACMENTS AS
TITLE OF INVENTION: USE OF HAGB FRACMENTS AS
TITLE OF INVENTION: USE OF HAGB FRACMENTS AS
TITLE OF INVENTION: UNDER USE OF HAGB
FULL REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FABELSEQ for Windows Version 4.0
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION STATES: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 54
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Job time : 0.0833333 secs
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84.6%;
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Best Local Similarity 84.6'
Matches 44; Conservative
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US-10-718-495-47
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; ORGANISM: Homo sapiens
US-10-718-495-46
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Sequence 30,
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Description
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100.0%; Pred. No. 1.3e-10;
ive 0; Mismatches 0;
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Sequence 26, Application US/10718495

GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
                          US-10-718-495-26
US-10-718-495-24
US-10-718-495-25
US-10-718-495-29
US-10-718-495-29
US-10-718-495-30
US-10-718-495-45
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US-10-718-495-45
US-10-718-495-44
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US-10-718-495-44
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Matches 164; Conservative
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US-10-718-495-27
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US-10-718-495-27
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                PISDVAKKLVEMWNNTFADDKQLCEKKAAKLKEKYKKDTATYRAKGKPDAAKKGVVKAEK 180
                                   EDMAKVDKDRYEREMKTYIPPKGETKKKFEDSNAPKRPPSAFLLFCSEYCPKIKGEHPGL 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     121 PISDVAKKLVEMWNNTFADDKQLCEKKAAKLKEKYKKDTATYRAKGKPDAAKKGVVKAEK 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 875; DB 1; Length 21
Pred. No. 1.2e-08;
3; Mismatches 17; Indels
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Pred. No. 1.9e-08;
                                                                                                                                                                                   Sequence 24, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 06/427,841
PRIOR FILING DATE: 2003-11-12
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/10718495
GENERAL INFORMATION:
TAPLICART: O'Keefe, Theresa L.
TILLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
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SOFTWARE: FREUSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
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Best Local Similarity 89.4%;
Matches 168; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-25
                                                                             SKKKKEEE 188
                                                                                                     181 SKKKKEEE 188
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CORGANISM: Homo sapiens
US-10-718-495-24
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Best Local Similarity
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US-10-718-495-24
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US-10-718-495-25
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                                                                                                                                                           61 EDMAKVDKDRYEREMKTYIPPKGETKKKFEDSNAPKRPPSAFLLFCSEYCPKIKGEHPGL 120
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  Indels
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US-10-718-495-28
Sequence 28, Application US/10718495
Sequence 28, Application US/10718495
SEQUENCE 28, Application US/10718495
TITLE OF INVENTION:
TITLE OF INVENTION: USE OF HAGMENTS AS
TITLE OF INVENTION: ANTI-INLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 27, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastsEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
6; Mismatches
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1 MGKRDPKQPRGKMSSYAFFVQTAQEEHKKKQLDASVSFSEFSKNCSERWKTMSVKEKGKF 60
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       Score 327; DB 1; Length 86; Pred. No. 1.6; 4; Mismatches 17; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 54;
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96.3%; Pred. No. 5.9;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                              US-10-11 0
Sequence 45, Application US/10718495
Sequence 45, Application US/10718495
SEARRAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS:
TITLE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 43, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'KEGE, Therea L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                            61 EDMAKVDKDRYEREMKTYIPPKGETK 86
                                                                                                                                                                                                                                 61 EDMAKADKACYEREMKIYPYLKGRQK 86
       ch 32.4%;
l Similarity 75.6%;
65; Conservative
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Matches 52; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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US-10-718-495-44
       Query Match
Best Local S
Matches 65
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LENGTH: 54
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32.5%; Score 328; DB 1; Length 80;
Best Local Similarity 80.0%; Pred. No. 1.5;
Matches 64; Conservative 3; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 29, Application US/10718495
GENERAL INFORMATION:
FAPLICANT: O'KEGE, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPRENCE: 3258.1099.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 80
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SEQUENCE 30, Application US/10718495
SEQUENCE OF INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1099.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 30
LENGTH: 86
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
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                                                                                                                                                            Query Match
Best Local Similarity 78.8<sup>3</sup>
Matches 63; Conservative
                                                                    ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-28
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US-10-718-495-29
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CORGANISM: Homo sapiens
US-10-718-495-30
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RESULT 1
US-10-718-495-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        33 DASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKDRYEREMKTYIPPKGET 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  54
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                                                                                                                                                                                                                                                                                                                                                                                              24.8%; Score 250; DB 1; Length 54; 86.8%; Pred. No. 7.6; 1ive 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 236; DB 1;
Pred. No. 7.9;
3; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENITON: USE OF HAGB FRAGMENTS AS
TITLE OF INVENITON: USE OF HAGB FRAGMENTS AS
TITLE OF INVENITON: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 54
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REPERENCE: 3288.1009.001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOGTWARE: FRAELSEQ for Windows Version 4.0

LENGTH: 54
                                  TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
Sequence 44, Application US/10718495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ch 23.4%;
1 Similarity 79.6%;
43; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-47
                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
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Best Local Similarity
Matches 43; Conserv
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Best Local Similarity
Matches 46; Conserv
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US-10-718-495-47
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US-10-718-495-46
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US-10-718-495-44
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April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 273.880 Million cell updates/sec
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                         GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                               Length 54;
                                                                                                                                     Indels
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US-10-718-495-24
US-10-718-495-25
US-10-718-495-26
US-10-718-495-28
US-10-718-495-30
US-10-718-495-30
US-10-718-495-29
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US-10-718-495-43
US-10-718-495-44
US-10-718-495-45
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                                                                            Query Match 22.9%; Score 231; DB Best Local Similarity 81.1%; Pred. No. 8; Matches 43; Conservative 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
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Maximum Match 100%
Listing first 12 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                         Search completed: April 26, 2006, 13:12:18 Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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ORGANISM: Homo sapiens
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81.4
71.5
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227.3
226.7
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21.9
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ALIGNMENTS

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121 SIGDVAKKLGEMWNNTAADDKQPYEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEK 180
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81.5%; Pred. No. 6.6e-09;
Live 14; Mismatches 24; Indels
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                                                                                                                                                                                                      Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIDE APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
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CURRENT APPLICATION NUMBER: US/10/718,495.
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: S8
SOFTWARE: FASELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
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Matches 167; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 1086; DB 1;
Best Local Similarity 100.0%; Pred. No. 5.9e-12;
Matches 205; Conservative 0; Mismatches 0;
                                   APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTERO for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 24, Application US/10718495
GENERAL INFORMATION:
FAPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION SECONDER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ for Windows Version 4.0
IENGTH: 216
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Sequence 27, Application US/10718495
                                                                                                                                                                                                                                                                                                              TYPE: PRT
CRGANISM: Homo sapiens
US-10-718-495-27
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US-10-718-495-24
                     GENERAL INFORMATION:
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LENGTH: 205
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1 MGKRDPKQPRGKMSSYAFFVQTAQEEHKKKQLDASVSFSEFSKNCSERWKTMSVKEKGKF 60
    1 MDKADPKKLRGEMLSYAFFVQTCQEEHKKKNPDASVKFSEFLKKCSETWKTIFAKEKGKF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8 KLRGEMLSYAFFVQTCQEEHKKKNPDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKAD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 297; DB 1; Length 80;
Pred. No. 3.6;
5; Mismatches 16; Indels
                                                                                                                                                                                                                                                                        APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: WISE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE FRACESQ FOR WINDOWS VERSION 4.0
SEQ ID NO 29
LENGTH: 80
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Sequence 46, Application US/10718495

Sequence 46, Application US/10718495

GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                   61 EDMAKADKACYEREMKIYPYLKGRQK
                                                                                       61 EDMAKADKAHYEREMKTYIPPKGEKK
                                                                                                                                                                                                                                 Sequence 29, Application US/10718495 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68 KAHYEREMKTYIPPKGEKKK 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    27.3%;
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Best Local Similarity 73.8<sup>†</sup>
Matches 59; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-29
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US-10-718-495-47
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LENGTH: 54
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                                                                                       EDMAKADKAHYEREMKTYIPPKGEKKKKFKDPNAPKRPPLAFFLFCSEYRPKIKGEHPGL 120
                                                                                                                                                    121 SIDDVVKKLAGMWNNTAAADKQFYEKKAAKLKEKYKKDIAAYRAKGKPNSAKKRVVKAEK 180
1 MGKGDPKKPRGKMSSYAFFVQTCREECKKKHPDASVNFSEFSKKCSERWKAMSAKDKGKF 60
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Pred. No. 1.2;
4; Mismatches 13; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-718495-30
Sequence 30, Application US/10718495
GENERAL INFORMATION:
APPLICAMT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
SROID NO 30
SOFTWARE PEACES FOR WINDOWS VERSION 4.0
SEQ ID NO 30
LENGTH: 86
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GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TILLE OF INVENTION: GANT: INFLAMMATORY AGENTS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

TITLE OF ENVENTION: 1258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 58
SOFTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
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Best Local Similarity 78.8%;
Matches 63; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-28
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ORGANISM: Homo sapiens
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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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Best Local Similarity 84.6%;
Matches 44; Conservative
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LENGTH: 54
TYPE: PRT
ORGANISM: Homo sapiens
      ORGANISM: Homo sapiens
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US-10-718-495-44
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                                                                                                                                                                                                                                                                                                                                                                                  Query Match 23.3%; Score 253; DB 1; Length 54; Best Local Similarity 86.8%; Pred. No. 7.5; Matches 46; Conservative 2; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   22.9%; Score 249; DB 1; Length 54; 88.7%; Pred. No. 7.7; vative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 43, Application US/10718495
GRUERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
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Sequence 44, Application US/10718495
SEQUENCE 1NFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
TYPE: PRT
Sequence 47, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 88.7°
Matches 47; Conservative
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US-10-718-495-47
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US-10-718-495-43
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US-10-718-495-44
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LENGTH: 54
TYPE: PRT
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106.880 Million cell updates/sec
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1 MGKGDPKKPRGKMSSCAFFV.......EDMPKADKAHYEREMKTYIP 80
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                                                                                                                               2 DASVNFSEFSNKCSERWKTMSAKEKGKFEDMAKADKTHYERQMKTYIPPKGE 53
                                                                                                  33 DASVKFSEFLKKCSETWKTIPAKEKGKFEDMAKADKAHYEREMKTYIPPKGE 84
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Copyright (c) 1993 - 2006 Biocceleration Ltd
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       Length 54;
                                                   Indels
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Score 238; DB 1;
Pred. No. 7.9;
2; Mismatches 6;
                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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Maximum Match 100%
Listing first 12 summaries
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                          RESULT 12
US-10-718-495-45
Sequence 45, Application US/10718495
GENERAL INFORMATION:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Appl	Appl	Appl	Appl	App1	Appl							
ជ	28,	24,	25,	26,	27,	30,	47,	29,	46,	43,	44,	45,	
Description	Sequence	Seguence	Sequence										
σr	US-10-718-495-28	US-10-718-495-24	US-10-718-495-25	US-10-718-495-26	US-10-718-495-27	US-10-718-495-30	US-10-718-495-47	US-10-718-495-29	US-10-718-495-46	US-10-718-495-43	US-10-718-495-44	US-10-718-495-45	
DB	-	-	Н	٦	Н	-	٦	Н	Н	Н	Н	7	
* Query Match Length DB	80	216	211	188	205	98	54	. 80	54	54	54	54	
% Query Match	100.0	90.6	80.1	75.4	74.8	67.0	58.0	57.1	50.2	49.3	47.8	46.4	
Score	448	361	359	338	335	300	260	256	225	221	214	208	
Result No.	-4	8	m	4	Ŋ	9	7	ω	6	10	11	12	

ALIGNMENTS

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1 MGKGDPKKPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKF 60
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              GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION ANTI-INFLAMMATORY AGENTS
TILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EDMPKADKAHYEREMKTYIP 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EDMPKADKAHYEREMKTYIP 80
                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-28
US-10-718-495-28
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3228.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

FRIOR APPLICATION NUMBER: 60/427,841

FRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

US-10-718-495-24

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1 MCKGDPKKPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 MGKGDPKKPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKF 60
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                                                                                                                                      80.6%; Score 361; DB 1; Length 216; 83.8%; Pred. No. 1.5; tive 4; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 359; DB 1; Length 211;
Pred. No. 1.6;
4; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2002-11-20
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 25
IRRGH: 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HIGH FRAGMENTS AS:

TITLE OF INVENTION: USE OF HIGH SENTS

FILE REFERENCE: 3258.1009-001

CURRENT PAPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR APPLICATION NUMBER: 50/427,841

SOFTWARE: FASCEQ for Windows Version 4.0

TEMOL OF SECTION OF SECTION NUMBER: 580 ID NOS: 58

SOFTWARE: FASCEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 EDMPKADKAHYEREMKTYIP 80
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                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 82.5%;
Matches 66; Conservative
                                                                                                                              Query Match
Best Local Similarity 83.89
Matches 67; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-10-718-495-25
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-26
                                                                             ORGANISM: Homo sapiens
US-10-718-495-24
                  SEQ ID NO 24
LENGTH: 216
TYPE: PRT
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US-10-718-495-47
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                                                                      1 MGKGDPKKPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKF
                                          Gaps
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   Score 338; DB 1; Length 188; Pred. No. 2.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             74.8%; Score 335; DB 1; Length 205; 78.8%; Pred. No. 2.6; ive 4; Mismatches 13; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 86;
                                      12; Indels
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Pred. No. 5;
5; Mismatches 15; Indels
                                                                                                                                                                                                                                                                                        ; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa L.
; TITLE OF INVENTION: USE OF HMGB FRACMENTS AS
; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
; FILE REFERENCE: 3288.1009-001
; CURRENT APPLICATION NUMBER: US/10/718,495
; CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
; PRIOR PELING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27
LENGTH: 205
; TYPE: PRI
; ORGANISM: Homo sapiens
US-10-718-495-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PASTSEQ for Windows Version 4.0
                                     5; Mismatches
                                                                                                                                                                                                                                                                 Sequence 27, Application US/10718495 GENERAL INFORMATION:
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; Sequence 30, Application US/10718495
; GENERAL INFORMATION:
                                                                                                                                                                     61 EDMAKVDKDRYEREMKTYIP 80
                                                                                                                                           61 EDMPKADKAHYEREMKTYIP 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 EDMPKADKAHYEREMKTYIP 80
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Best Local Similarity 74.4%;
Matches 58; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 78.84
Matches 63; Conservative
                  Best Local Similarity 78.8
Matches 63; Conservative
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                                                                                                                                                                                                                                RESULT 5
US-10-718-495-27
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LENGTH: 86
   Query Match
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8 KPRGKMSSCAFFVQTCWEEHKKQYPDASINFSEFSQKCPETWKTTIAKEKGKFEDMPKAD 67
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         32 PDASINFSEFSQKCPETWKTTIAKEKGKFEDMPKADKAHYEREMKTYIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  58.0%; Score 260; DB 1; 98.0%; Pred. No. 8.8; trive 0; Mismatches 1;
                                                                                                                                                                                                                APPLICANT: O'Keefe, Theresa L.
ITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
ITLLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258,1009-001
CURRENT APPLICATION NUMBER: US,10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 29, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
ITILE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2003-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 80
                                                                                                                      RESULT 7
US-10-718-495-47
i Sequence 47, Application US/10718495
i GENERAL INFORMATION:
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; Sequence 46, Application US/10718495
; GENERAL INFORMATION:
                                               61 EDMAKADKACYEREMKIY 78
61 EDMPKADKAHYEREMKTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; APPLICANT: O'Keefe, Theresa L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       48; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens
US-10-718-495-29
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US-10-718-495-45
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             32 PDASINFSEFSQKCPETWKTTIAKEKGKFEDMPKADKAHYEREMKTYIP
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                                                                                                                                                                                                                                                                                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 43, Application US/10718495;
GENERAL INFORMATION:
JAPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: 0S/10/718,495
CURRENT FILING DATE: 2003-11.12
FRIOR FILING DATE: 2003-11.12
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 54
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GENERAL INFORMATION:
JAPPLICANT O'KEGE, Thereas L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PADDICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ for Windows Version 4.0
SEQ ID NO 44
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INVELAMMATORY AGENTS; FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ FOR WINGOWS VERSION 4.0
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                Query Match
50.2%; Score 225; DB
Best Local Similarity 83.7%; Pred. No. 11;
Matches 41; Conservative 2; Mismatches
                                                                                                                                                                                                                                                         TYPE: PRT
CORGANISM: Homo sapiens
US-10-718-495-46
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 41; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-718-495-43
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                                                Gaps
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1 KQRGKMPSYVFCVQTCPEER......KARYEREMKTYIPPKGETKK
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
Score 214; DB 1; Length 54;
Pred. No. 12;
2; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 54;
                                                                                                                     33 DASINFSEFSQKCPETWKTTIAKEKGKFEDMPKADKAHYEREMKTYIP
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                                                                                                                                                                                                                                                  Sequence 45, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 77.6%; Pred. No. 12;
Matches 38; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Listing first 12 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Search completed: April 26, 2006, 13:12:19 Job time : 1.08333 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12 seqs, 1336 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0
Maximum DB seq length: 2000000000
  Query Match
Best Local Similarity 81.2%;
Matches 39; Conservative 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US10718495.pep:*
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US-10-718-495-45
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and is derived by analysis of the total score distribution.

SUMMARIES

		Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	Appl	
	ជ	29.	24,	26,	25.	27,	28,	30,	43,	45,	44.	47,	46,	
	Description	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	
		-29	-24	-26	-25	-27	-28	-30	-43	-45	-44	-47	-46	
		US-10-718-495-29	0-718-495	US-10-718-495-26	0-718-495	0-718-495	0-718-495	0-718-495	0-718-495	0-718-495	0-718-495	0-718-495	0-718-495	
	ID	US-1	US-1	US-1	US-1	US-1	US-1	US-1	US-1	US-1	US-1	US-1	US-1	
	DB	1	٦	-	ч	-	-	-	-	٦	-	-	7	
	Query Match Length DB	80	216	188	211	202	80	98	54	54	54	54	54	
eko	Query	100.0	80.7	77.2	76.2	69.9	60.2	58.4	57.9	53.4	52.2	51.1	48.9	
	Score	425	343	328	324	297	256	248	246	227	222	217	208	
	Result No.	-	7	е	4	ß	9	7	80	6	10	11	12	

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1 KORGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD

Gaps

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Score 343; DB 1; Length 216; Pred. No. 2.1; 2; Mismatches 11; Indels

80.7%;

; ORGANISM: Homo sapiens US-10-718-495-24

67; Conservative

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Query Match Best Local Similarity Matches 67; Conserva

ALIGNMENTS

Sequence 26, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20

US-10-718-495-26

NUMBER OF SEQ ID NOS: 58 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 26 LENGTH: 188

: Homo sapiens

, ORGANISM: HO US-10-718-495-26

TYPE: PRT

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1 KQRGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 KORGKMPSYVPCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD
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; Pred. No. 0.34;
0; Mismatches 0; Indels
                                                  APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
LENGTH: 80
                  Sequence 29, Application US/10718495 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 KARYEREMKTYIPPKGETKK 80
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Best Local Similarity 100.
"... 80; Conservative
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US-10-718-495-29
US-10-718-495-29
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Gaps

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KARYEREMKTYIPPKGETKK 80 68 KDRYEREMKTYIPPKGETKK 87

61

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1 KORGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARAD

Query Match 77.2%; Score 328; DB 1; Length 188; Best Local Similarity 80.0%; Pred. No. 2.8; Matches 64; Conservative 3; Mismatches 13; Indels

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Gaps
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0
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             Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'REGE', Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT PRILING DATE: 2003-11-12
PRIOR FALING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PALING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRACESQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
TYPE: PRT
CORGANISM: HOMO Sapiens
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Best Local Similarity
Matches 63; Conserv
US-10-718-495-25
                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-718-495-25
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TITLE OF INVENTION: USE OF HMGB FRACHENTS AS TITLE OF INVENTION: USE OF HMGB FRACHENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3289.1009-001 CURRENT APPLICATION NUMBER: US/10/718,495 CURRENT FILING DATE: 2003-11-12 PRIOR FILING DATE: 2003-11-20 PRIOR FILING DATE: 2002-11-20 SOFTWARE: FESTEED for Windows Version 4.0 SEQ ID NO 24

LENGTH: 216

US-10-718-495-24; Sequence 24, Application US/10718495; GENERAL INFORMATION:

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US-10-718-495-45
                                                  US-10-718-495-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67
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                                     67
                            8 KPRGKMSSYAFFVQTCREEHKKKHSDASVNFSEFSNKCSERWKTMSAKEKGKFEDMAKAD
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                                                                                                                                                                                                                                                                                                                                                                                                                           0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                               DB 1; Length 205;
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Pred. No. 5;
5; Mismatches 16; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 256; DB 1; Length 80 Pred. No. 9; 6; Mismatches 16; Indels
                                                                                                                                                   GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 KARYEREMKTYIPPKGETKK 80
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60.2%;
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Best Local Similarity 73.8%;
Matches 59; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 KARYEREMKTYIP 73
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Matches 51, Conservative
                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                            US-10-718-495-27
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62
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 RGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARADKA
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Pred. No. 9.8;
3; Mismatches 21; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               57.9%; Score 246; DB 1; Length 54; 88.9%; Pred. No. 9.9; tive 2; Mismatches 4; Indels
                                                                                                           Sequence 30, Application US/10718495;
GENERAL INFORMATION:
JAPPLICANT O'Keefe, Theresa L.
JAPLICANT O'Keefe, Theresa L.
JITLE OF INVENTION: USE OF HWGB FRAGWENTS AS
JITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
JITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
JULIANT REPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 30
LENGTH: 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258-11009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
LENGTH: 54
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; APPLICANT: O'Keefe, Theresa L.
; TITLE OF INVENTION: USF OF HMGB FRAGMENTS AS; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS; FILE REFERENCE: 3258.1009-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-718-495-43; Sequence 43, Application US/10718495; GENERAL INFORMATION:
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Best Local Similarity 68.8'
Matches 53, Conservative
68 KAHYEREMKTYIP 80
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Best Local Similarity 88.9
Matches 48; Conservative
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US-10-718-495-43
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US-10-718-495-30
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RESULT 12
US-10-718-495-46
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                                                                                                                                                                                                                                         53.4%; Score 227; DB 1; Length 54; 81.5%; Pred. No. 11; ive 3; Mismatches 7; Indels
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-0.01
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT PILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
CURRENT APPLICATION NUMBER: US/10/718,495;
CURRENT FILING DATE: 2003-11-12;
PRIOR APPLICATION NUMBER: 60/427,841;
PRIOR FILING DATE: 2002-11-20;
NUMBER OF SEQ ID NOS: 58;
SOFTWARE: PASLSEQ for Windows Version 4.0;
SOFTWARE: 54;
TENGTH: 54;
TYPE: PRT
'TYPE: PRT
'GRGANISM: HOMO Sapiens
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                                                                                                                                                                                                                                                                                44; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 43; Conserv
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Best Local Similarity
Matches 44; Conserv
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US-10-718-495-47
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April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 114.896 Million cell updates/sec
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                            1 PDASINFSEFSOKCPETWKTTIAKEKGKFEDMAKADKAHYEREMKTYIPPKGET
25 PDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARADKARYEREMKTYIPPKGET
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
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                                                                                                                                                                Sequence 46, Application US/10718495
GENERAL INFORMATION:
TILE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
NUMBER OF SEQ ID NOS: 58
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Listing first 12 summaries
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Maximum DB seq length: 2000000000
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Best Local Similarity 77.32
Best Local 41; Conservative
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ORGANISM: Homo sapiens
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SUMMARIES

	Appl Appl Appl Appl Appl Appl Appl Appl			, o s	KF 60		
uo	30, 20, 20, 20, 20, 40, 40, 40, 40, 40, 40, 40, 40, 40, 4			Gapı	EKG EKG		
Description	sequence Seq			th 86; els 0;	MGKRDPKQPRCKMSSYAFFVQTAQEEHKKKQLDASVSFSEFSKNCSERWKTMSVKEKCKF 		
	0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			DB 1; Length 31; 0; Indel	SVSFSEFSKN SVSFSEFSKN		
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QI	US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49 US-10-718-49	ALIGNMENT	L. L. HMGB FRACMI WELAWMATORN US/10/718, 11-12 0/427,841 20 vs Version	Sr. Pr.	VQTAQEEH VQTAQEEH	IYPYLKGRQK IYPYLKGRQK	18495 BERAGMENTS AMMATORY AG 12 27,841 Version 4.0
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Query Match			Application US/1071849 RWATION: O'Keefe, Theresa L. VENTION: USE OF HMGB FR. VENTION: ANTI-INFLAMMA. SINCE: 3258.1009-001 LING DATE: 2003-11-12 ICATION NUMBER: 60/427,8 GC DATE: 2002-11-20 SEQ ID NOS: 58 satSEQ for Windows Vers HOMO Sapiens	Similarity 6; Conser	IGKRDPKQ	EDMAKADKACYEREMKIYPYLKGRQK 	Applica NWATION: VKeefe, VENTION: TENTION: TGE: 325 JCATION NG DATE: VATION NG DATE: O ID NO SEESEQ F
Score	250 3350 3360 3360 3360 3360 3360 3360 33		195-3 107-3 10-3 10-3 10-3 10-3 10-3 10-3 10-3 10	Match local	1 1 2—2	61 E	RESULT 2 US-10-710-495-24 Sequence 24, Application US/10718495 GENERAL INFORMATION: APPLICANT: O'Keefe, Theresa L. TITLE OF INVENTION: USE OF HAGE FRAGMEN TITLE OF INVENTION: ANTI-INFLAMMATORY TITLE OF INVENTION: ANTI-INFLAMMATORY FILE REFERENCE: 3258.1009-001 CURRENT APPLICATION NUMBER: US/10/718, CURRENT FILING DATE: 2003-11-12 PRIOR PELING DATE: 2003-11-20 NUMBER OF SEQ ID NOS: 59 SOFTWARE: FRAGSEQ for Windows Version 'S LENGTH: 216 TYPE: PRI TYPE: PRI CORGANISM: Homo sapiens
Result No.	100 8 8 7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		RESULT 1 US-10-718-4 Sequence GENERAL 1 APPLICAN TITLE OR TITLE OR TITLE OR TITLE NE CURRENT CURRENT SOFTWARN SOFTWARN SOFTWARN SOFTWARN SOFTWARN TENGER TENGER TENGER TENGER TENGER TENGER TYPE: E	Query M Best Lo Matches	oy Ob	co ea	RESULT 2 Sequence Seq

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71.9%; Score 327; DB 1; Length 188;
Best Local Similarity 75.6%; Pred. No. 3;
Matches 65; Conservative 4; Mismatches 17; Indels
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Best Local Similarity 77.9%; Pred. No. 2.2;
Matches 67; Conservative 4; Mismatches 15; Indels
DB 1; Length 216;
Query Match 76.9%; Score 350; DB 1; Length 21 Best Local Similarity 80.2%; Pred. No. 2; Matches 69; Conservative 3; Mismatches 14; Indels
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GENERAL INPORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 188
                                                                                                                                                                                                                                                                                         US-10-11 3

US-10-11 3

Sequence 25, Application US/10718495

Sequence 25, Application US/10718495

GENERAL INFORMATION:

APPLICANT: O'Keefe 1.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REPERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 25

TYPE: PRT
                                                                                                                                                                                            61 EDMAKADKACYEREMKIYPYLKGRQK 86
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US-10-718-495-25
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US-10-718-495-26
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US-10-718-495-26
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US-10-718-495-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 80;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 65.9%; Score 300; DB 1; Best Local Similarity 74.4%; Pred. No. 4.5; Matches 59; Conservative 5; Mismatches 15;
                                                                                                                                                               Sequence 27, Application US/10718495;
GENERAL INFORMATION:
APPLICAMTON:
TILE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495;
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 6
US-10-718-495-28

Sequence 28, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAME FRACHENTS AS:
TITLE OF INVENTION: USE 00.
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
; ROWBER FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: S8
; SOFTWARE: FastSEQ for Windows Version 4.0
                                         86
                                                            61 EDMAKVDKDRYEREMKTYIPPKGETK 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 EDMAKADKACYEREMKIYPYLKGROK 86
                                       EDMAKADKACYEREMKIYPYLKGRQK
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ||| ||||| ||||| |||||| || EDMPKADKAHYEREMKTY 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 73.34
Matches 63; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
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                                                                                                                                                     US-10-718-495-27
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US-10-718-495-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 RGKMPSYVFCVQTCPEERKKKHPDASVNFSEFSKKCLVRGKTMSAKEKGQFEAMARADKA 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
54.5%; Score 248; DB 1; Length 80;
Best Local Similarity 68.8%; Pred. No. 8.5;
Matches 53; Conservative 3; Mismatches 21; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 215; DB 1; Length 54;
Pred. No. 11;
1; Mismatches 7; Indels
Sequence 29, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: RastsEQ for Windows Version 4.0
IENGTH: 80
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Sequence 43, Application US/10718495

GENERAL INFORMATION:

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE REFRENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FRASESQ for Windows Version 4.0
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Sequence 44, Application US/10718495
Sequence 44, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/118,495
CURRENT FILING DATE: 2003-11-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        70 CYEREMKIYPYLKGRQK 86
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           47.3%;
84.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                      CRGANISM: Homo sapiens US-10-718-495-29
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Best Local Similarity
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2 DASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGEK 54
                                                                                                   GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FASISEQ for Windows Version 4.0

SEQ ID NO 47
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Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Best Local Similarity 72.55
Matches 37; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Homo sapiens
                                                                                           US-10-718-495-47
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Perfect score:
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                                                                                                                                                                                                                                                                                   33 DASVSFSEFSKNCSERWKTMSVKEKGKFEDMAKADKACYEREMKIYPYLKG 83
                                                                                                                                                                                                                                                                                                           33 DASVSFSEFSKONCSERWKTMSVKEKGKFEDMAKADKACYEREMKIYPYLKG 83
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                                                                                                                                                                                          ch 44.6%; Score 203; DB 1; Length 54; I Similarity 78.4%; Pred. No. 11; 40; Conservative 2; Mismatches 9; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
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US-10-718-495-45

Sequence 45, Application US/10718495

GENERAL INFORMATION:

TITLE OF INVENTION: USE OF HAGE FRAGMENTS AS:
CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: S003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE PRACES FRAGMENTS SOG SOG SEQ ID NO 45

LENGTH: 54
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44.6%; Score 203; 78.4%; Pred. No. 1
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
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ilarity 73.6%;
Conservative
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Matches 40; Conservative
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ORGANISM: Homo sapiens
                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 39; Conserva
                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 40; Conserv
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                        Gaps
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287
1 PDASVNFSEFSKKCSERWKT......ADKARYEREMKTYIPPKGET 54
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                                                                                                       33 DASVSFSEFSKNCSERWKTMSVKEKGKFEDMAKADKACYEREMKIYPYLKG 83
                                                                                                                                         DASINFSEFSQKCPETWKTTIAKEKGKFEDMAKADKAHYEREMKTYIPPKG 52
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
41.1%; Score 187; DB 1; Length 54; 72.5%; Pred. No. 12;
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                                                        11;
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                                                        3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 12 summaries
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Score Match Length DB
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32 PDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKARYEREMKTYIPPKGET 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         32 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKDRYEREMKTYIPPKGET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      93.7%; Score 269; DB 1; Length 188; 92.6%; Pred. No. 3.7;
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                                                                                                Sequence 26, Application US/10718495
GRNERAL INFORMATION:
GRNERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRAGSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 188
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US-10-11

Sequence 45, Application US/10718495

GENERAL INFORMATION:

APPLICAMT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HAGE FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3258-1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOPTHARR: FastSEQ for Windows Version 4.0
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION UNMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 0S/3-11-12
PRIOR APPLICATION NUMBER: 2003-11-12
PRIOR PLILING DATE: 2003-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     50; Conservative
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ORGANISM: Homo sapiens
US-10-718-495-26
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US-10-718-495-45
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US-10-718-495-44
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Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 54; Conservative 0; Mismatches 0; Indels (
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100.0%; Score 287; DB 1;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 54; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: O'Keefe, Theresa L.
ITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
ITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASCESQ for Windows Version 4.0
LENGTH: 54
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGWENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGWENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TILE REPERBENCE: 3258 1009-001
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR PLICATION NUMBER: 60/427,841
PRIOR PLICATION NUMBER: 60/427,841
SPRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSED for Windows Version 4.0
SEQ ID NO 24
IENGTH: 216
TYPE: RT
           US-10-718-495-43
US-10-718-495-24
US-10-718-495-25
US-10-718-495-45
US-10-718-495-45
US-10-718-495-47
US-10-718-495-47
US-10-718-495-28
US-10-718-495-28
US-10-718-495-28
US-10-718-495-28
US-10-718-495-28
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Sequence 43, Application US/10718495
GENERAL INFORMATION:
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211
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86
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RESULT 10
US-10-718-495-29
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                                                                                                                                                             Length 54;
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Best Local Similarity 87.0%; Pred. No. 7.5;
Matches 47; Conservative 2; Mismatches 5.
                                                                                                                                                           DB 1;
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JAPLICANT O'KEGE, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US.10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 47
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/10718495
GENERAL INFORMATION:
FAPLICANT: O'Keefe, Theresa L.
TILLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
                                                                                                                                                           Score 263; DB 1
Pred. No. 5;
1; Mismatches
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NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
LENGTH: 54
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SOFTWARE: FastSEQ for Windows Version 4.0
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I Similarity 92.5%;
49; Conservative 1
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                                                                            TYPE: PRT
CORGANISM: Homo sapiens
US-10-718-495-44
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
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Best Local Similarity
Matches 49; Conserv
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LENGTH: 211
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 249; DB 1; Length 54;
Pred. No. 8.9;
1; Mismatches 5; Indels
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
FAPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 46
LENGTH: 54
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GENERAL INFORMATION:
APPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3288.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 60/427,841
FRIOR APPLICATION DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
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TITLE OF INVENTION: USE OF HIGHS FRAGMENTS AS
TITLE OF INVENTION: USE OF HIGHS
FILE REFERENCE: 3258.1009-001
CURENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 88.7%;
Matches 47; Conservative
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Matches 47; Conservative
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CRGANISM: Homo sapiens
US-10-718-495-46
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US-10-718-495-27
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                                                                                                                                     85.7%; Score 246; DB 1; Length 80; 88.9%; Pred. No. 9.7; ive 2; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
JAPLICANT O'KSEGE, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258 1009-001
CURRENT APPLICATION NUMBER: 105/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 80
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CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR PILING DATE: 2003-11-12

PRIOR FILING DATE: 2002-11-20

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 30

LENGTH: 86
SOFTWARE: FastSEQ for Windows Version 4.0
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ilarity 84.3%;
Conservative 1
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                                                                            ORGANISM: Homo sapiens
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US-10-718-495-28
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Best Local Similarity
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Matches 48; Conser
                                                                                ; OKGANISM: nov
US-10-718-495-29
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                SEQ ID NO 29
LENGTH: 80
                                                         TYPE: PRT
                                                                                                                                     Query Match
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                           April 26, 2006, 13:12:17 ; Search time 0.001 Seconds (without alignments) 72.144 Million cell updates/sec
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Sequence 28,
Sequence 30,
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Sequence 47,
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1 SDASVNFSEFSNKCSERWKT.....ADKTHYERQMKTYIPPKGET
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                                           GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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TITLE OF INVENTION: USF OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INPLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001.
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-718-495-44
US-10-718-495-25
US-10-718-495-43
US-10-718-495-24
US-10-718-495-26
US-10-718-495-47
US-10-718-495-28
US-10-718-495-28
US-10-718-495-29
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                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 12 summaries
                                                                                                OM protein - protein search, using sw model
2006, 13:12:19
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                    12 seqs, 1336 residues
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Maximum DB seq length: 200000000
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Match Length DB
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21116
2116
2116
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Search completed: April 26, Job time : 0.0833333 secs
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100.0
91.0
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No.
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SOFTWARE: FastSEQ for Windows Version 4.0

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US-10-718-495-45
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100.0%; Score 289; DB 1; Length 211;
Best Local Similarity 100.0%; Pred. No. 0.68;
Matches 54; Conservative 0; Mismatches 0; Indels
                                                                                                                                   Query Match 100.0%; Score 289; DB 1; Length 54; Best Local Similarity 100.0%; Pred. No. 0.68; Matches 54; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                            Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT. O'Keefe, Therea L.
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
TYPE: PRT
CREATION: Homo sapiens
US-10-718-495-25
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60427,841
PRIOR PILING DATE: 2003-11-20
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SOFTWARE: FastSEQ for Windows Version 4.0
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ORGANISM: Homo sapiens
                                          TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 49; Conserv
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SEQ ID NO 44
LENGTH: 54
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LENGTH: 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 91.0%; Score 263; DB 1; Length 216; Best Local Similarity 92.5%; Pred. No. 1.9; Matches 49; Conservative 1; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 45, Application US/10718495;
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS;
FILE REFERENCE: 3258.1009.001;
CURRENT APPLICATION NUMBER: US/10/718,495;
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PLILING DATE: 2002-11-12;
PRIOR PLLING DATE: 2002-11-20;
NUMBER OF SEQ ID NOS: 58;
SOFTWARE: FRELSEQ for Windows Version 4.0;
SEQ ID NO 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-718-495-26

Sequence 26, Application US/10718495

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS:

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS:

FILE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR PILING DATE: 2003-11-20

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0
                                          TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3258-1009-001.
CURRENT APPLICATION NUMBER: US/10/718,495.
CURRENT FILING DATE: 2003-11-12.
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20.
NUMBER OF SEQ ID NOS: 58.
SOFTWARE: FASESEQ for Windows Version 4.0.
LENGTH: 216.
Sequence 24, Application US/10718495 GENERAL INFORMATION:
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ORGANISM: Homo sapiens
US-10-718-495-45
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US-10-718-495-24
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Best Local Similarity
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US-10-718-495-27
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LENGTH: 80
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                                                                                                                      Query Match 86.5%; Score 250; DB 1; Length 188; Best Local Similarity 86.8%; Pred. No. 3; Matches 46; Conservative 2; Mismatches 5; Indels
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GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
FRIOR PELICATION NUMBER: 60/427,841
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: USE OF HMGB FRAGNENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FSSELSEQ for Windows Version 4.0
SEQ ID NO 46
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2; Mismatches
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Best Local Similarity 84.99
Matches 45; Conservative
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ORGANISM: Homo sapiens
                                       ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-26
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Best Local Similarity
Matches 44; Conserv
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                      LENGTH: 188
SEQ ID NO 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 82.4%; Score 238; DB 1; Length 205; Best Local Similarity .84.6%; Pred. No. 4.5; Matches 44; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ch 76.8%; Score 222; DB 1; Length 80; 1 Similarity 81.1%; Pred. No. 7.2; 43; Conservative 3; Mismatches 7; Indels
Sequence 27, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 00/427,841
PRIOR FILING DATE: 2003-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRACEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 29, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT FILING DATE: 2003-11-12
FRIOR APPLICATION NUMBER: 66/427,841
FRIOR PILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
NUMBER OF SEQ ID NOS: 58
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JOS-10-718-495-28

JERUBRAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HINGE FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REPERENCE: 3288.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2003-11-12

PRIOR FILING DATE: 2003-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FASTEEQ for Windows Version 4.0

SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Database :
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72.144 Million cell updates/sec
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288
1 PDASVNFSEFSKKCSERWKA.....VDKADYEREMKTVI PPKGET 54
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                  Length 80;
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                                                                                                                                         7; Indels
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                                                                                                Score 214; DB 1;
Pred. No. 8.6;
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                                                                                                                                                                                                                                                                                      US-10-718495-30
Sequence 30, Application US/10718495
Sequence 30, Application US/10718495
Sequence 30, Application US/10718495
SEREAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRACSEQ for Windows Version 4.0
LENGTH: 86
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Maximum Match 100%
Listing first 12 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                              Query Match
Best Local Similarity 81.2%;
Matches 39; Conservative
; LENGTH: 80
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-28
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ORGANISM: Homo sapiens
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GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT O'Keefe, Theresa L.
TITLE OF INVENTION: USB OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3288.1009-001
CURENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASUSEQ for Windows Version 4.0
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US-10-718-495-26
US-10-718-495-24
US-10-718-495-24
US-10-718-495-25
US-10-718-495-47
US-10-718-495-25
US-10-718-495-28
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US-10-718-495-29
US-10-718-495-29
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US10718495.pep:*
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Match Length
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Best Local (
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US-10-718-495-25
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                                                                                                       Score 274; DB 1; Length 188; Pred. No. 1.5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ch 93.1%; Score 268; DB 1; Length 54; l Similarity 92.6%; Pred. No. 2.1; 50; Conservative 1; Mismatches 3; Indels
                                                                                                                                                  2; Indels
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US-10-718-495-24

Sequence 24, Application US/10718495

GENERAL INFORMATION:

APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS:

TITLE OF INVENTION: USE 0.01

CURRENT APPLICATION UNBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

PRIOR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                  Sequence 43, Application US/10718495;
GENERAL INFORMATION:
JAPPLICANT: O'Keefe, Theresa L.
TILLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE REFRENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495;
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
JENGRAPHICATION NUMBER: 60/427,841
                                                                                                     Ouery Match 95.1%; Score 274; DB Best Local Similarity 96.3%; Pred. No. 1.5; Matches 52; Conservative 0; Mismatches
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Matches 50; Conservative
               TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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US-10-718-495-43
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Matches 50; Conserv
                                                 US-10-718-495-26
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LENGTH: 188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; DB 1; Length 54; 4.9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                APPLICANT: O'KEEE, Theresa L.
ITLE OF INVENTION: USE OF HAGE
ITLLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
ITLLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
ITLLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
ITLLE REFERENCE: 3288.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
SOFTWARE: FASTESQ for Windows Version 4.0
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
TITLE REPERBNCE: 3258.1009-001
CURRENT PAPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FEATSEQ for Windows Version 4.0
SEQ ID NO. 25
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TITLE OF INVENTION: USB OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 86.8%; Score 250; DE Best Local Similarity 86.8%; Pred. No. 4.9; Matches 46; Conservative 2; Mismatches
; Sequence 44, Application US/10718495; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 47, Application US/10718495; GENERAL INFORMATION:
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l Similarity 86.8%;
46; Conservative 2
                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 46; Conserv
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LENGTH: 54
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US-10-718-495-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   32 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGE
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                                                                                       Query Match 83.7%; Score 241; DB 1; Length 54; Best Local Similarity 81.5%; Pred. No. 6.9; Matches 44; Conservative 3; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 54;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   y Match 81.9%; Score 236; DB 1; Local Similarity 83.0%; Pred. No. 8.2; nes 44; Conservative 2; Mismatches 7
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                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FABLUSCE FOR WINDOWS VERSION 4.0
SEQ ID NO 46
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GEGUATOR 27, Application US/10718495
GENERAL INFORMATION:
APPLICANT O'Keefe, Thereas
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERBENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                  Sequence 46, Application US/10718495 GENERAL INFORMATION:
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-47
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US-10-718-495-46
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US-10-718-495-27
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LENGTH: 205
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RESULT 10 US-10-718-495-29

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                                                                                                                                                                                                                                                                                                                                                                                                                                                          ch 78.8%; Score 227; DB 1; Length 80; 1 Similarity 81.5%; Pred. No. 10; 41; Conservative 3; Mismatches 7; Indels
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GENERAL INFORMATION:
APPLICANT: O'Keffe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PAPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1;
                     GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HNGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASISEQ FOR WINDOWS Version 4.0
SEQ ID NO 29
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ADVI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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Best Local Similarity 77.6%; Pred. No. 12;
Matches 38; Conservative 3; Mismatches
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Sequence 29, Application US/10718495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-10-718-495-28
                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
US-10-718-495-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
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LENGTH: 86
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; ORGANISM: Homo sapiens US-10-718-495-30

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32 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDWAKADKAHYEREMKTYIPPKGEK 85
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                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 290; DB 1; Length 5 Best Local Similarity 100.0%; Pred. No. 0.36; Matches 54; Conservative 0; Mismatches 0; Indels
Sequence 46, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Reefe, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPRENCE: 3288.1009-001
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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GENERAL INFORMATION:

APPLICANT: O'KEGE, Theresa L.

TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS

TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS

FILE REFERENCE: 3258.1009-001

CURRENT APPLICATION NUMBER: US/10/718,495

CURRENT FILING DATE: 2003-11-12

FRICR APPLICATION NUMBER: 60/427,841

PRIOR FILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 47

LEWISTH: 54

TYPE: PRI
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ITILE OF INVENTION: USE OF HMGB FRAGMENTS AS
ITILE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PELLOR DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
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US-10-718-495-27
Sequence 27, Application US/10718495
GENERAL INFORMATION:
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Best Local Similarity 100.0
....hes 54; Conservative
                                                                                                                                                                                                                                                        ; SEQ ID NO 46
; LENGTH: 54
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-46
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US-10-718-495-27
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US-10-718-495-47
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LENGTH: 205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (without alignments)
72.144 Million cell updates/sec
                                                                                                            Gaps
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Sequence 27, p
Sequence 47, p
Sequence 24, p
Sequence 44, p
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Sequence 25,
Sequence 45,
Sequence 26,
Sequence 29,
Sequence 30,
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1 PDASVKFSEFLKKCSETWKT......ADKAHYEREMKTYIPPKGEK
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                                                                                                                                                2 DASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKADYEREMKTYIPPKG 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                April 26, 2006, 13:12:17; Search time 0.001 Seconds
                                                                                                                                                                                                                                                                                                                      GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                         Query Match 70.5%; Score 203; DB 1; Length 86; Best Local Similarity 78.4%; Pred. No. 12; Matches 40; Conservative 2; Mismatches 9; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12
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US-10-718-495-27
US-10-718-495-47
US-10-718-495-43
US-10-718-495-44
US-10-718-495-44
US-10-718-495-45
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US-10-718-495-28
US-10-718-495-29
US-10-718-495-30
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Post-processing: Minimum Match 0% Maximum Match 100% Listing first 12 summaries

US10718495.pep:*

Database :

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Score

Result

Minimum DB seq length: 0 Maximum DB seq length: 200000000

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Gaps

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- protein search, using sw model

OM protein

Run on:

BLOSUM62 Gapop 10.0 , Gapext 0.5 12 segs, 1336 residues

Scoring table:

Searched:

US-10-718-495-46

Perfect score:

Sequence:

Search completed: April 26, 2006, 13:12:19 Job time : 0.0833333 secs

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RESULT 1 US-10-718-495-46

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RESULT 7
US-10-718-495-25
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                                                                                                                                        1 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               85.9%; Score 249; DB 1; Length 54; 88.7%; Pred. No. 3.7; tive 1; Mismatches 5; Indels
                                                            Length 54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Indels
                                                                                                 5; Indels
                                                            DB 1;
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Pred. No. 3.7;
1; Mismatches 5
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 59
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT O'Reefe, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 2003-11-12
PRIOR APPLICATION NUMBER: 60427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH.
                                                        87.2%; Score 253; DB
86.8%; Pred. No. 3;
tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24, Application US/10718495 GENERAL INFORMATION:
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US-10-718-495-44
; Sequence 44, Application US/10718495
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88.7%;
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Best Local Similarity 88.75
Matches 47; Conservative
                                                        Query Match
Best Local Similarity 86.8<sup>†</sup>
Matches 46; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 88.7
Matches 47; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
CORGANISM: Homo sapiens
US-10-718-495-43
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; ORGANISM: Homo sapiens
US-10-718-495-24
; ORGANISM: Homo sapiens
US-10-718-495-47
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US-10-718-495-43
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Best Local Similarity 84.6%; Pred. No. 6.1;
Matches 44; Conservative 2; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 82.1%; Score 238; DB 1; Length 54; Best Local Similarity 84.6%; Pred. No. 6.1; Matches 44; Conservative 2; Mismatches 6; Indels
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Sequence 45, Application US/10718495
Sequence 45, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PELLING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
GENERAL INFORMATION:
JAPPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGWENTS AS
TITLE OF INVENTION: ANTI-INFLAWMATORY AGENTS
JILLE REFERENCE: 3286.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
APPLICANT: O'Reefe, Theresa L.
TITLE OF INVENTION: USB OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FRASERQ FOR WINDOWS VERSION 4.0
SEQ ID NO 44
LENGTH: 54
                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
US-10-718-495-44
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US-10-718-495-25
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ORGANISM: Homo sapiens
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US-10-718-495-29
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Sequence:
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                                                                                                                                                                                                                                                       TYPE: PRT
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                                                                                                                                               1 PDASVNFSEFSKKCSERWKAMSAKDKGKFEDMAKVDKADYEREMKTYIPPKGE 53
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                                                                                                                       1 PDASVKFSEFLKKCSETWKTIFAKEKGKFEDMAKADKAHYEREMKTYIPPKGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 188;
                                         Score 236; DB 1; Length 54;
Pred. No. 6.6;
2; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 79.7%; Score 231; DB 1; Best Local Similarity 81.1%; Pred. No. 7.9; Matches 43; Conservative 2; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 28, Application US/10718495;
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS;
FILE REFERENCE: 3258,1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
FRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-12
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 80
                                                                                                                                                                                                                                                                                                       APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 56
SOFTWARE: FASTESQ for Windows Version 4.0
                                                                                                                                                                                                                         RESULT 9
US-10-718-495-26
Sequence 26, Application US/10718495
GENERAL INFORMATION:
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                                         81.4%;
83.0%;
                                                                                  44; Conservative
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US-10-718-495-26
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US-10-718-495-28
                                    Query Match
Best Local Similarity
US-10-718-495-45
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US-10-718-495-28
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LENGTH: 188
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April 26, 2006, 13:12:17; Search time 0.001 Seconds (without alignments) 72.144 Million cell updates/sec
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1 PDASINFSEFSQKCPETWKT......ADKAHYEREMKTYIPPKGET
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Copyright (c) 1993 - 2006 Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 80;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 86;
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APPLICANT: O'Keefe, Theresa L.
ITLE OF INVENTION: USE OF HMGB FRAGNENTS AS
ITLLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASELSEQ for Windows Version 4.0
SEQ ID NO 29
LENGTH: 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
Sequence 30, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USB OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 193; DB
Pred. No. 12;
2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 71.7%; Score 208; DE Best Local Similarity 77.4%; Pred. No. 12; Matches 41; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OM protein - protein search, using sw model
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Job time : 0.0833333 secs
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 73.6%;
Matches 39; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-718-495-47
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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TYPE: PRT
CORGANISM: Homo sapiens
US-10-718-495-24
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                              12
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GENERAL INPORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 05/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
                                                                                                                                                                                                                                                                                                                       US-10-718-495-47
US-10-718-495-28
US-10-718-495-24
US-10-718-495-24
US-10-718-495-27
US-10-718-495-27
US-10-718-495-25
US-10-718-495-25
US-10-718-495-26
US-10-718-495-26
US-10-718-495-26
US-10-718-495-26
US-10-718-495-26
                          Total number of hits satisfying chosen parameters:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47
LENGTH: 54
                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 12 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-718-495-28
; Sequence 28, Application US/10718495
; GENERAL INFORMATION:
12 segs, 1336 residues
                                                          seq length: 0
seq length: 200000000
                                                                                                                                                             US10718495.pep:*
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Query
Match Length DB
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US-10-718-495-47
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Best Local Similarity
Matches 54; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 1
US-10-718-495-47
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                                                         Minimum DB
Maximum DB
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 Searched:
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Gaps
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APPLICANT: O'Keefe, Theresa L.

TITLE OF INVENTION: USE OF HIGHE FRAGMENTS AS

TITLE OF INVENTION: USE OF HIGHE FRAGMENTS AS

TITLE OF INVENTION: USE OF HIGHE
CURRENT APPLICATION WHBER: US/10/718,495

CURRENT APPLICATION NUMBER: 05/427,841

PRIOR PILING DATE: 2002-11-20

NUMBER OF SEQ ID NOS: 58

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 24

LENGTH: 216
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; Sequence 43, Application US/10718495
; GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HAGE FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 58
; SOFTHARE: FastSEQ for Windows Version 4.0
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
LENGTH: 80
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                             TYPE: PRT

ORGANISM: Homo sapiens

US-10-718-495-28
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Best Local Similarity
Matches 48; Conserv
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-718-495-45
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  86.7%; Score 254; DB 1; Length 216; nilarity 87.0%; Pred. No. 4.3; Conservative 2; Mismatches 5; Indels
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Pred. No. 4.5;
2; Mismatches 5; Indels
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4.5;
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PELICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
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86.8%; Pred. No. 4.5;
tive 2; Mismatches
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; Sequence 46, Application US/10718495
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 86.8%;
Matches 46; Conservative 2
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Best Local Similarity 86.89
Marches 46; Conservative
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ORGANISM: Homo sapiens
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Query Match
Best Local Similarity
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LENGTH: 205
TYPE: PRT
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LENGTH: 54
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1; Length 54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 25, Application US/10718495
GENERAL INFORMATION:
APPLICANT: O'Keefe, Theresa L.
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HWGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
FRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 211
TITLE OF INVENTION: USE OF HMGB FRACMENTS AS; TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS; FILE REFERENCE: 3258,1009-001; CURRENT APPLICATION NUMBER: US/10/718,495; CURRENT FILING DATE: 2003-11-12; PRIOR APPLICATION NUMBER: 60/427,841; PRIOR APPLICATION NUMBER: 60/427,841; NUMBER OF SEQ ID NOS: 58 NUMBER OF SEQ ID NOS: 58 SOFTWARE: FASELSEQ for Windows Version 4.0; SEQ ID NO 44
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TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HAGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REFERENCE: 3288.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT APPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
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TYPE: PRT
ORGANISM: Homo sapiens
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Best Local Similarity
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Matches 45; Conserv
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Score 241; DB 1; Length 54; Pred. No. 7.7; 3; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                                Sequence 26, Application US/10718495
GENERAL INFORMATION:
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: USE OF HMGB FRAGMENTS
FILE REPERENCE: 3258.1009.001
CURRENT APPLICATION NUMBER: US/10/718,495
FROM RAPPLICATION NUMBER: 60/427,841
PRIOR APPLICATION NUMBER: 60/427,841
PRIOR PELICATION SECOID 1.20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 29, Application US/10718495;
GENERAL INFORMATION:
APPLICANT: O'KEGE, THERESA L.
TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
TITLE OF INVENTION: ANTI-INFLAMMATORY AGENTS
FILE REPERENCE: 3258.1009-001
CURRENT APPLICATION NUMBER: US/10/718,495
CURRENT FILING DATE: 2003-11-12
PRIOR PAPLICATION NUMBER: 60/427,841
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FSSEC for Windows Version 4.0
SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 80.5%; Score 236; DB:
Best Local Similarity 79.6%; Pred. No. 9;
Matches 43; Conservative 3; Mismatches
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US-10-718-495-30
; Sequence 30, Application US/10718495
; GENERAL INFORMATION: Theresa L.
; TITLE OF INVENTION: USE OF HMGB FRAGMENTS AS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          74.18;
     Query Match
Best Local Similarity 81.5%;
Matches 44; Conservative
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; ORGANISM: Homo sapiens
US-10-718-495-26
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 42; Conserv
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